

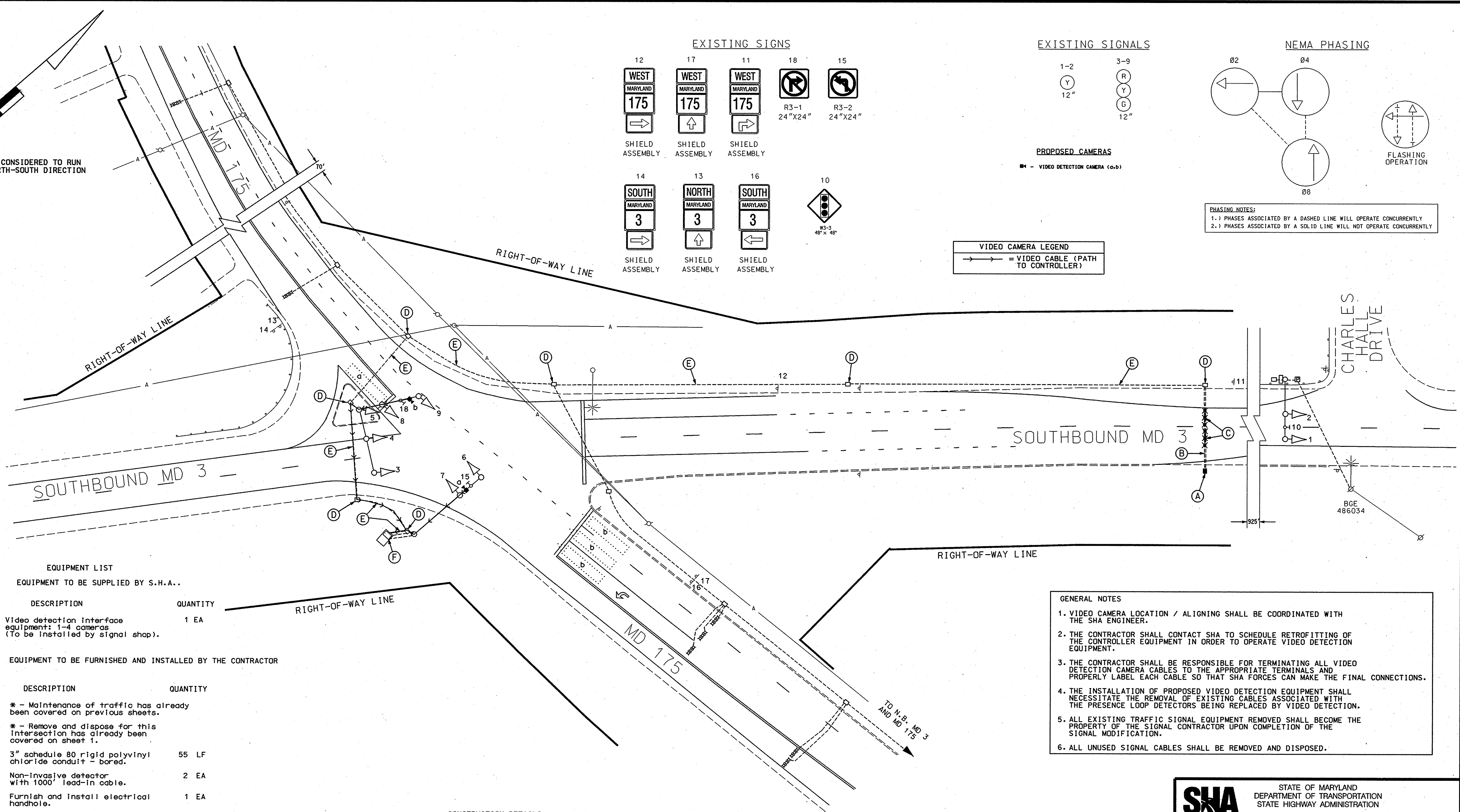
BORDER REV. DATE: June 1, 2004

DRILL HOLES

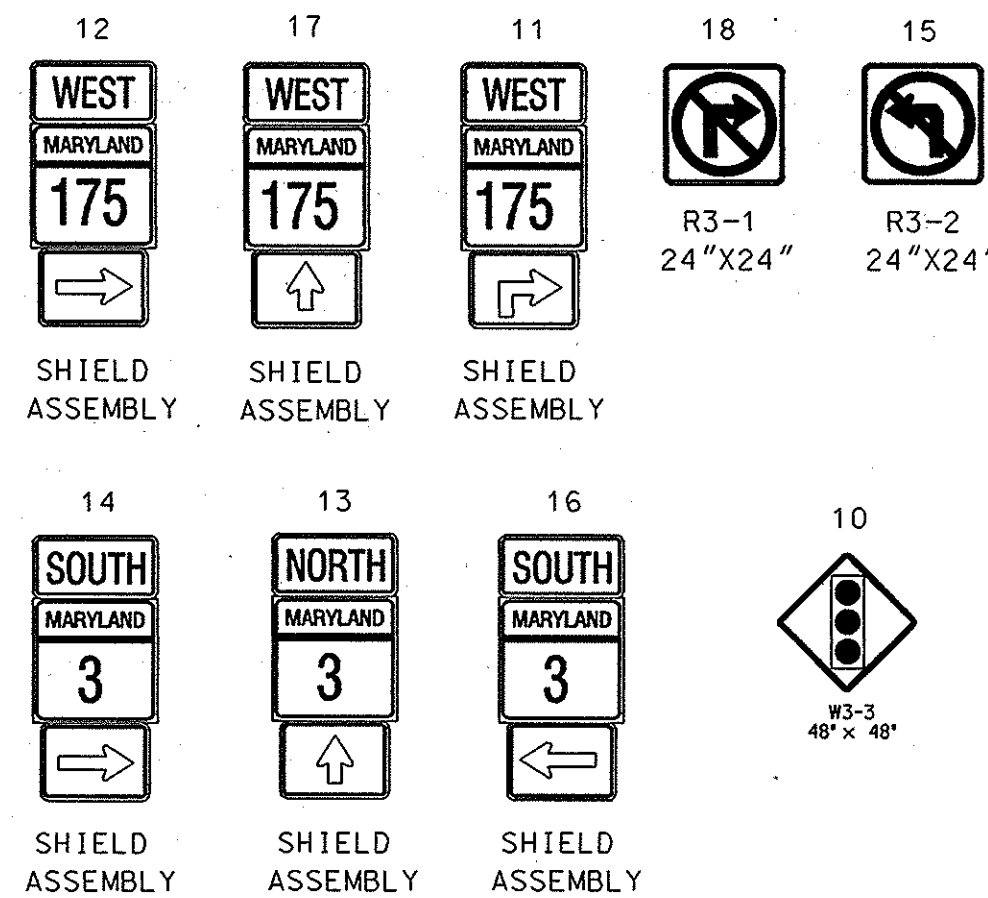
DRILL HOLES

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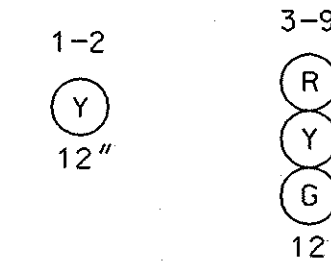
MD 3 IS CONSIDERED TO RUN IN A NORTH-SOUTH DIRECTION



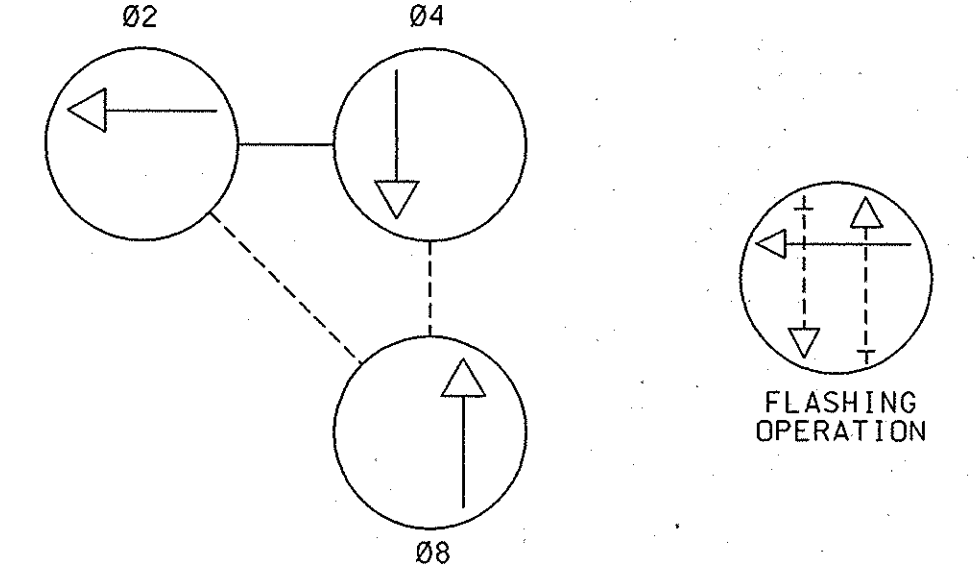
EXISTING SIGNS



EXISTING SIGNALS

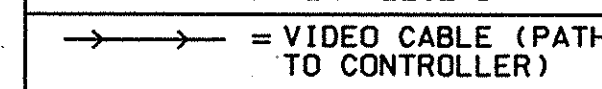


NEMA PHASING



PHASING NOTES:  
1.) PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY  
2.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY

VIDEO CAMERA LEGEND



EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY S.H.A..		
ITEM NO.	DESCRIPTION	QUANTITY
9086	Video detection Interface equipment: 1-4 cameras (To be installed by signal shop).	1 EA
B. EQUIPMENT TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR		
ITEM NO.	DESCRIPTION	QUANTITY
1001	* - Maintenance of traffic has already been covered on previous sheets.	
8004	* - Remove and dispose for this intersection has already been covered on sheet 1.	
8010	3" schedule 80 rigid polyvinyl chloride conduit - bored.	55 LF
8024	Non-invasive detector with 1000' lead-in cable.	2 EA
8025	Furnish and install electrical handhole.	1 EA
8026	Video detection camera	2 EA
8027	Control cable, 250', video detection camera to controller	4 EA

CONSTRUCTION DETAILS

- Install handhole.
- Install 3" polyvinyl chloride electrical conduit (Schedule 80) (bored).
- Install non-invasive detector with 1000' lead-in cable.
- Use existing handhole.
- Use existing conduit.
- Use existing cabinet and controller. (Note: SHA forces shall install video interface equipment into the cabinet).

GENERAL NOTES

- VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
- THE CONTRACTOR SHALL CONTACT SHA TO SCHEDULE RETROFITTING OF THE CONTROLLER EQUIPMENT IN ORDER TO OPERATE VIDEO DETECTION EQUIPMENT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL VIDEO DETECTION CAMERA CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE SO THAT SHA FORCES CAN MAKE THE FINAL CONNECTIONS.
- THE INSTALLATION OF PROPOSED VIDEO DETECTION EQUIPMENT SHALL NECESSITATE THE REMOVAL OF EXISTING CABLES ASSOCIATED WITH THE PRESENCE LOOP DETECTORS BEING REPLACED BY VIDEO DETECTION.
- ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE SIGNAL MODIFICATION.
- ALL UNUSED SIGNAL CABLES SHALL BE REMOVED AND DISPOSED.

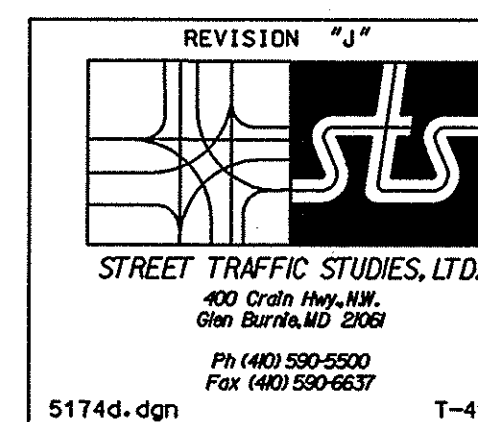


STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION

MD 3 (SOUTH BOUND) AND MD 175

TRAFFIC SIGNAL PLAN

SCALE 1"= 30'	DATE 7-20-98	CONTRACT NO.
DESIGNED BY S RENZI	COUNTY ANNE ARUNDEL	
DRAWN BY B THOMPSON	LOGMILE 02500305.65	
CHECKED BY	TMS NO. H872	
F.A.P. NO.	TOD NO.	
TS NO. 179J	DRAWING NO. 4 OF 4	SHEET NO. OF



APPROVALS	
TEAM LEADER	
ASST. DIV. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	

REVISIONS	
1	SHA ATT 245185 REPLACE LOOP DETECTORS WITH VIDEO DETECTORS 7-27-06
2	JWA REPLACE GROUND MOUNTED H.I.B. WITH OVERHEAD H.I.B. 8-18-04
3	JWA SHA NO. 1 XX1065485 8-15-00
4	H REPLACE LOOP DETECTION DUE TO WIDENING 8-15-00
5	TMZ

PLOTTED: 8/24/98  
FILE: #FILES